

MEETING MINUTES

MEETING DATE: March 18, 1993

MEETING LOCATION: DOE Office, Building 116, Rocky Flats Plant

ATTENDEES: Norma Castaneda and Bruce Thatcher, DOE; Pete Laurin and Rick Roberts, EG&G; Susan Buth and Patricia Westphal, W-C

PURPOSE OF MEETING: To discuss the approach to the exposure assessment for OU-6 and the technical memorandum.

MINUTES: The meeting began at approximately 8:00 am, and adjourned at approximately 10:40 am.

Rick Roberts began the meeting with a discussion of the technical memoranda process for risk assessments at the operable units. The discussion focused on the modeling work. Bruce Thatcher stated that input parameters should be included in the modeling technical memorandum, and that some parameters are not available until the data are received. Rick and Bruce also discussed the Comprehensive Risk Assessment and the need to use consistent models among the OUs.

The receptors for OU-6 will be the same as for the other OUs. They are as follows:

- current on-site occupational worker (such as a security specialist)
- current off-site resident
- future on-site resident (will be exposed to groundwater, surface water, soil and sediment)
- future on-site office worker (in buildings on OU6)
- future on-site ecological worker (in an open space or recreational scenario)
- future off-site resident (at Walnut Creek at the site boundary)
- future on-site construction worker (short-term, digs the basement of the office complex)

Bruce would like EG&G to look at the 100-year flood plain on Walnut Creek when evaluating OU-6 risks. Pat added that slope stability is also an issue.

The discussion then turned to institutional controls, specifically the dams on Walnut Creek. Rick would like to leave the dams in place for scenarios in the future. Bruce did not see any reason to remove the dams. Try submitting the dams as part of the future scenarios in the technical memorandum, and see how the agencies respond.

Exposure areas was the next subject of discussion. Rick described the OU as 21 IHSSs spread over a large area. Exposures will occur amongst all the IHSSs, therefore he proposes that risks be assessed due to the entire OU for all pathways. Bruce disagreed, except for the surface water pathway, because that approach will dilute risk from a source. Rick reminded the group that the data were collected only at the IHSSs and thus the data is not diluted because only the sources are being sampled. The discussion continued between Rick and Bruce. An agreement was reached that Norma and Pete will make the final decision on the exposure area approach. DOE is trying to get clarification on the IAG definition of a source.

Known references for OU-6 IHSSs

IHSS 165 - Triangle Area

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Thompson, M.A., 05/12/75, Progress Report for April 1975, Environmental Sciences and Waste Control.

Unknown, 04/01/78, Volume II - Waste Management 8 Pretrial Statement Litigation Materials.

Steward, L.M., 06/29/73, Areas of Concern at Rocky Flats, Soil Contamination and Related Incidents, Part I, Plutonium.

Illsley, C.T., 10/01/73, Soil Disposal.

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IHSS 216.1 - East Spray Field, North Area

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